

# Rotating Mandrel Casing Hanger

Improve cement job integrity and wellbore stability during drilling

## APPLICATIONS

- Highly deviated wells
- Vertical drilling
- Horizontal drilling

## BENEFITS

- Improve bond integrity of cement job
- Optimize installation of production casing

## FEATURES

- Hanger with effective dynamic rotation by the operator promotes better displacement efficiencies, effective zonal isolation, and less eccentricity in the pipe during cement jobs
- Milled flats and four spring loaded torque dogs in running tool to ensure fast, simple makeup/breakup (RH Rotation/LH disengagement)
- Fluted mandrel hanger allows for taking returns during the cementing process
- Hanger can be internally locked down by a packoff rated to 10,000 psi, with an integral snap ring
- Hanger can be run as a standard hanger by removing the torque dogs
- Designed to withstand 20,000 ft-lbf of rotational torque
- Right hand running threads
- The hanger can be isolated by installing a BPV in the BPV threads
- The DSTA cap can be installed with double "P" seals to fit mandrel or slip hangers for inventory and standardization purposes

The rotating mandrel casing hanger is designed to improve cement job integrity and wellbore stability for vertical and horizontal oil and gas wells. The hanger's unique features and running tool enable the operator to rotate the production casing during installation as well as during cementing operations. This optimizes installation of the production casing during installation through restrictions in highly deviated wells and improves the bond integrity of the cement job. The hanger can be installed in a 13 $\frac{5}{8}$ -in MN-DS\* mutibowl nested-diverter snap ring wellhead system and is rated up to 10,000-psi working pressure and 15,000-psi frac working pressure.



*Rotating mandrel casing hanger  
RP-003069 rev 03*